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OM nucleic - nucleic search, using sw model

Run on: September 17, 2003, 18:30:00 ; Search time 80.705 Seconds
(without alignments)
8745.081 Million cell updates/sec

Title:	US-10-026-106E-7
Barfoot score:	1500

Sequence: 1 aagccatgcgggccga.....acatcccaacgaatctgatg 1599

Scoring table: IDENTITY_NUC

Searched: 569978 reqs, 220691566 residues

Total number of hits satisfying chosen parameters: 1139956

Maximum DB req length: 20000000000

Post-processing: Minimum Match 0%

Listing first 45 summaries

Database : Issued_Patents_NA:

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1: /cgn2_6/protodata/2/ina/5B_COMB.seg.*
2: /cgn2_6/protodata/2/ina/5B_COMB.seg.*
3: /cgn2_6/protodata/2/ina/6A_COMB.seg.*
4: /cgn2_6/protodata/2/ina/6B_COMB.seg.*
5: /cgn2_6/protodata/2/ina/PCrTUS_COMB.seg.*
6: /cgn2_6/protodata/2/ina/backfile1.seg.*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query	Length	DB	ID	Description
C 1	44.4	2.8	3147	2	US-09-027-337-1	Sequence 1, Appl1
C 2	44.4	2.8	3147	4	US-09-644-600-1	Sequence 1, Appl1
C 3	44.4	2.8	3147	4	US-09-644-600-18	Sequence 18, Appl1
C 4	42.6	2.7	7218	1	US-08-232-463-14	Sequence 14, Appl1
C 5	42.2	2.6	971	4	US-09-535-008-39	Sequence 39, Appl1
C 6	42	2.6	2900	2	US-09-027-337-9	Sequence 9, Appl1
C 7	42	2.6	2900	4	US-09-644-600-9	Sequence 9, Appl1
C 8	41.6	2.6	975	4	US-09-252-991A-8224	Sequence 8224, Appl1
C 9	41.6	2.6	1209	4	US-09-252-991A-8158	Sequence 8158, Appl1
C 10	40.8	2.6	1678	3	US-08-650-766-2	Sequence 2, Appl1
C 11	40.8	2.6	1678	4	US-09-189-487-2	Sequence 2, Appl1
C 12	40.8	2.6	1954	3	US-08-922-635-2	Sequence 2, Appl1
C 13	40.8	2.6	3118	3	US-08-650-766-3	Sequence 3, Appl1
C 14	40.8	2.6	3118	3	US-08-922-635-3	Sequence 3, Appl1
C 15	40.8	2.6	3118	4	US-09-189-487-3	Sequence 3, Appl1
C 16	40.8	2.6	3185	3	US-08-650-766-1	Sequence 1, Appl1
C 17	40.8	2.6	3185	3	US-08-922-635-1	Sequence 1, Appl1
C 18	40.8	2.6	3185	4	US-09-189-487-1	Sequence 1, Appl1
C 19	40.8	2.6	3185	4	US-09-389-487-1	Sequence 1, Appl1
C 20	40.8	2.6	5128	4	US-09-389-487-1	Sequence 1, Appl1
C 21	40.8	2.6	15702	3	US-08-922-635-21	Sequence 21, Appl1
C 22	39.6	2.5	3251	4	US-09-552-991A-14671	Sequence 14671, Appl1
C 23	39.6	2.5	3501	4	US-09-552-991A-14959	Sequence 14959, Appl1
C 24	38	2.4	1773	4	US-09-452-731A-215	Sequence 215, Appl1
C 25	38	2.4	1773	4	US-08-943-731-215	Sequence 215, Appl1
C 26	37.8	2.4	6246	3	US-08-943-731-660	Sequence 660, Appl1
C 27	37.8	2.4	2188	3	US-07-665-663F-10	Sequence 10, Appl1
					US-08-374-218B-10	

28	37.6	2.4	7892	2	US-07-916-098A-40	Sequence 40, App1
29	37.4	2.4	1422	4	US-08-979-608A-13	Sequence 13, App1
30	37.4	2.3	1617	4	US-08-979-608A-11	Sequence 11, App1
31	36.6	2.3	2635	3	US-09-126-280-3	Sequence 3, App1
32	36.6	2.3	2670	3	US-09-126-280-1	Sequence 1, App1
33	36.6	2.3	2961	2	US-08-407-8875-1	Sequence 1, App1
34	35	2.3	2961	4	US-09-277-888-1	Sequence 1, App1
35	35.8	2.2	4195	4	US-08-340-021-1	Sequence 1, App1
36	35.8	2.2	4195	3	US-08-304-011-1	Sequence 1, App1
37	35.8	2.2	4416	3	US-08-195-430-1	Sequence 1, App1
38	35.8	2.2	4416	4	US-09-585-700-1	Sequence 1, App1
39	35.8	2.2	4416	4	US-08-601-132-16	Sequence 36, App1
40	35.8	2.2	4425	4	US-08-222-616-1	Sequence 31, App1
41	35.8	2.2	4425	4	US-08-446-648-1	Sequence 31, App1
42	35.8	2.2	4425	5	PCT-US95-04228-31	Sequence 31, App1
43	35.8	2.2	4795	1	US-08-340-011-3	Sequence 31, App1
44	35.8	2.2	4795	3	US-08-501-710-3	Sequence 3, App1
45	35.8	2.2	9108	4	US-08-446-648-45	Sequence 45, App1

ALIGNMENTS

```

RESULT 1
US-09-027-337-1/C
Sequence 1, Application US/09027337B
Patent No. 5972616
GENERAL INFORMATION:
APPLICANT: O'Brien, Timothy J.
APPLICANT: Tanimoto, Hirotsoshi
TITLE OF INVENTION: TADG-15: An Extracellular Serine Protease Overexpressed In
FILE REFERENCE: D6064
CURRENT APPLICATION NUMBER: US/09/027,337B
CURRENT FILING DATE: 1998-02-20
NUMBER OF SEQ ID NOS: 13
SEQ ID NO. 1
LENGTH: 3147
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
LOCATION: 23..2569
OTHER INFORMATION: cDNA sequence of TADG-15
US-09-027-337-1

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Query Match 2.8%; Score 44.4; DB 2; Length 3147;

Matches 159; Conservative 0; Mismatches 171; Indels 2; Gaps 1

[illegible]

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RESULT 2
US-09-644-600-1/c
; Sequence 1, Application US/09644600
; Patent No. 6451500
; GENERAL INFORMATION:
; APPLICANT: O'Brien, Timothy J.
; APPLICANT: Tamimoto, Hirotsoshi
; TITLE OF INVENTION: TADG-15: An Extracellular Serine Protease
; FILE REFERENCE: D6064CIP/D
; CURRENT APPLICATION NUMBER: US/09/644,600
; PRIOR FILING DATE: 2000-08-23
; PRIOR APPLICATION NUMBER: 09/421,213
; PRIOR FILING DATE: 1998-02-20
; PRIOR APPLICATION NUMBER: 09/027,337
; NUMBER OF SEQ ID NOS: 98
; SEQ ID NO 1
; LENGTH: 3147
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: TADG-15
US-09-644-600-1
Query Match
Best Local Similarity 47.8%; Score 44.4; DB 4; Length 3147;
Matches 159; Conservative 0; Mismatches 171; Indels 2; Gaps 1;
QY 7 ATGGCGGGGCGCCGAGCGCTGGGGCCCCCTGCTCTGTCGCTGAGCGCGCTCCAGGG 66
DB 504 ATGCTGAACCTCAGACAGAGTAGAGCGATGACGCTCCCTGCTGAAGCCGTCAAGCC 445
QY 67 AGGCGCGCTGGCGCCCTCCCAAGATGAGCGTCTCTCCAGAACTTCAGCGTGTAC 126
DB 444 GACTCTCTTGTGTAGGGGGCCAGAAATGAGACTCCGCTGTACAGCGCTTCAGCGCGTCC 385
QY 127 CTGACATGCGTCCCGAGGCGTTCGCAACCCCGAGGATGTGACTATTGTGGCATCAGA 186
DB 384 TTCACTTGTGCGCGAGGCTTCAAACTCAGTAGAGTTGAGTTCTCGTAGCATTCACA 325
QY 187 GCTCTCCAGCCGCTAAGCGTGGCCGGAAGTGAAGTGTGGGGAACCAAGAGCTGC 246
DB 334 AAATTCATTTTGTGATCTCTCATGTAGCCATTGAAACCTTCTGACAGCGACGTCCGG 265
QY 247 TATGTTCTATGATGTGCTGAAAGAAACAGACTGTGACACAAATTCAAGGAGCGTGC 306
DB 264 TACTGCAATGCGACACAG--GAAGCGATCCCGACAGAAACAAAGAGGCGCATCA 207
QY 307 GGACGCTTCTCCAGCTCCAGTCCCGCTGG 338
DB 206 GCACGCGTCCGACACACCCAGCGCCCGGG 175
RESULT 3
US-09-644-600-18
; Sequence 18, Application US/09644600
; Patent No. 6451500
; GENERAL INFORMATION:
; APPLICANT: O'Brien, Timothy J.
; APPLICANT: Tamimoto, Hirotsoshi
; TITLE OF INVENTION: TADG-15: An Extracellular Serine Protease
; FILE REFERENCE: D6064CIP/D
; CURRENT APPLICATION NUMBER: US/09/644,600
; PRIOR FILING DATE: 2000-08-23
; PRIOR APPLICATION NUMBER: 09/421,213
; PRIOR FILING DATE: 1998-02-20
; PRIOR APPLICATION NUMBER: 09/027,337
; NUMBER OF SEQ ID NOS: 98
; SEQ ID NO 18
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LENGTH: 3147
TYPE: RNA
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: Antisense of TADG-15
US-09-644-600-18
Query Match
Best Local Similarity 39.8%; Score 44.4; DB 4; Length 3147;
Matches 122; Conservative 27; Mismatches 171; Indels 2; Gaps 1;
QY 7 ATGGGGGGGGCGGAGCGCTGGGGCCCCCTGCTCTGTCGCTGAGCGCGCTCCAGGG 66
DB 2644 AGCGCAACCTCAGACAGAGTAGAGCGATGACGCTCCCTGCTGAAGCCGTCAAGCC 2703
QY 67 AGGCGCGCTGGCGCCCTCCCAAGATGAGCGTCTCTCCAGAACTTCAGCGTGTAC 126
DB 2704 GACUCCTUGUGUGUGGGGCCCGAGAAUGGAGACUCGCGUACACAGCTCAGCGGUC 2763
QY 127 CTGACATGCGTCCCGAGGCGTTCGCAACCCCGAGGATGTGACTATTGTGGCATCAGA 186
DB 2764 UACACCTUGUGGCGCAGGCTUACAACTCAGTAGAGTGTGAGUUCUGUAGUACAC 2823
QY 187 GCTCTCCAGCCGCTAAGCGTGGCGGAAAGTGAAGTGTGCGGAAACCAAGAGCTGC 246
DB 2824 AAATTCATTTTGTGATCTCTCATGTAGCCATTGAAACCTTCTGACAGCGACGTCC 2883
QY 247 TATGTTCTATGATGTGCTGAAAGAAACAGACTGTGACACAAATTCAAGGAGCGTGC 306
DB 2884 UACUGCAAAUCCACACAG--GAAGCGATCCCGACAGAAACCAAGAGGCGCATCA 2941
QY 307 GGACGCTTCTCCAGCTCCAGTCCCGCTGG 338
DB 2942 GCACGCGTCCGACACACCCAGCGCCCGGG 2973
RESULT 4
US-08-232-463-14/c
; Sequence 14, Application US/08232463
; Patent No. 5670367
; GENERAL INFORMATION:
; APPLICANT: DORNER, F.
; APPLICANT: SCHETTLINGER, F.
; TITLE OF INVENTION: FALKNER, F. G.
; NUMBER OF SEQUENCES: 52
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 1800 Diagonal Road, Suite 500
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22313-0299
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/232,463
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/935,313
; FILING DATE:
; APPLICATION NUMBER: EP 91 114 300.6
; FILING DATE: 26-AUG-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: BENT, Stephen A.
; REGISTRATION NUMBER: 29,768
; REFERENCE/DOCKET NUMBER: 30472/114 IMMU
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 836-9300
```


1 CURRENT FILING DATE: 2000-08-23
2 PRIOR APPLICATION NUMBER: 09/421,213
3 PRIOR FILING DATE: 1999-10-20
4 PRIOR APPLICATION NUMBER: 09/027,337
5 PRIOR FILING DATE: 1998-02-20
6 NUMBER OF SEQ ID NOS: 98
7 SEQ ID NO: 9
8 LENGTH: 2900
9 TYPE: DNA
10 ORGANISM: Homo sapiens
11 FEATURE:
12 OTHER INFORMATION: SNC-19; GeneBank Accession No. 6451500 #U20428
13 US-09-644-600-9

Query Match 2.6%; Score 42; DB 4; Length 2900;
Best Local Similarity 48.3%; Pred. No. 0.17;
Matches 117; Conservative 0; Mismatches 125; Indels 0; Gaps 0;

QY 7 ATGCGGAGGCGCCGAGCGCTGGGCCCCCTGCTCTGTGCTGTGAGCGGCTCCAGG 66
DB 323 ATGCTGAACACAGACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 264
QY 67 AGGCGCGCTGGGCGGCTCCGAGAGATGACGCTGCTCCAGAGACTTCAGAGGTAC 126
DB 263 GACCTCTGT 204
QY 127 CTGACATGCTGCTCCAGGCTTGGCAAGAGAGATGACCTATTTGTGGCATCAGA 186
DB 203 TTGCTCTGT 144
QY 187 GCTCTCCAGCCGCTGACGCTGGCGGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 246
DB 143 AATTTCTATTTGT 84
QY 247 TA 248
DB 83 TA 82

RESULT 8
US-09-252-991A-8224
1 Sequence 8224, Application US/09252991A
2 Patent No. 6551795
3 GENERAL INFORMATION:
4 APPLICANT: Marc J. Rubenfield et al.
5 TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
6 FILE REFERENCE: 107196.136
7 CURRENT APPLICATION NUMBER: US/09/252,991A
8 PRIOR FILING DATE: 1999-02-18
9 PRIOR APPLICATION NUMBER: US 60/074,788
10 PRIOR FILING DATE: 1998-02-18
11 PRIOR APPLICATION NUMBER: US 60/094,190
12 PRIOR FILING DATE: 1998-07-27
13 NUMBER OF SEQ ID NOS: 33142
14 SEQ ID NO 8224
15 LENGTH: 975
16 TYPE: DNA
17 ORGANISM: Pseudomonas aeruginosa
18 FEATURE:
19 NAME/KEY: unsure
20 LOCATION: (948)
21 OTHER INFORMATION: Identity of nucleotide at the above locations are unknown.
22 US-09-252-991A-8224

Query Match 2.6%; Score 41.6; DB 4; Length 975;
Best Local Similarity 46.5%; Pred. No. 0.14;
Matches 134; Conservative 0; Mismatches 154; Indels 0; Gaps 0;
QY 843 CAGCCGACAGACAG 902
DB 67 CGGCGGATCACACAGAGCGGCGCATGACGCAATTCCTCCCTGAGAGAGAGAGAGAG 126

QY 903 AGAGGGCTCAGGCGGAGCGCTTGAAGTCAAGGCGCCGAGCCAGCCAGAGAGAGAGAG 962
DB 127 GCGGAAGCGCTGCGCGCTATGTGGCGCAAGCTGCGCCAGCCAGCGGCGCGGAGAGAG 186
QY 963 AAGGAGCTTGAG 1022
DB 187 ATCAAGCTTCCGAG 246
QY 1023 TTCCAGGCTTCAATTGAACACCTTTCTTCTGGGCGAAGAGAGAGAGAGAGAGAG 1082
DB 247 TCCCGAG 306
QY 1083 TCGAGAGCTGT 1130
DB 307 GCGTGGGCTGTGGGCGAGGCGCGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 354

RESULT 9
US-09-252-991A-8158
1 Sequence 8158, Application US/09252991A
2 Patent No. 6551795
3 GENERAL INFORMATION:
4 APPLICANT: Marc J. Rubenfield et al.
5 TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
6 FILE REFERENCE: 107196.136
7 CURRENT APPLICATION NUMBER: US/09/252,991A
8 PRIOR FILING DATE: 1999-02-18
9 PRIOR APPLICATION NUMBER: US 60/074,788
10 PRIOR FILING DATE: 1998-02-18
11 PRIOR APPLICATION NUMBER: US 60/094,190
12 PRIOR FILING DATE: 1998-07-27
13 NUMBER OF SEQ ID NOS: 33142
14 SEQ ID NO 8158
15 LENGTH: 1209
16 TYPE: DNA
17 ORGANISM: Pseudomonas aeruginosa
18 FEATURE:
19 NAME/KEY: unsure
20 LOCATION: (982)
21 OTHER INFORMATION: Identity of nucleotide at the above locations are unknown.
22 US-09-252-991A-8158

Query Match 2.6%; Score 41.6; DB 4; Length 1209;
Best Local Similarity 46.5%; Pred. No. 0.16;
Matches 134; Conservative 0; Mismatches 154; Indels 0; Gaps 0;
QY 843 CAGCCGACAGACAG 902
DB 101 CGGCGGATCACACAGAGCGGCGCATGACGCAATTCCTCCCTGAGAGAGAGAGAGAG 160
QY 903 AAGGAGCTTGAG 962
DB 161 GCGGAAGCGCTGCGCGCTATGTGGCGCAAGCTGCGCCAGCCAGCGGCGCGGAGAGAG 220
QY 963 AAGGAGCTTGAG 1022
DB 221 ATGAGCTTCCGCGGAG 280
QY 1023 TTCCAGGCTTCAATTGAACACCTTTCTTCTGGGCGAAGAGAGAGAGAGAGAGAG 1082
DB 281 TCCCGAG 340
QY 1083 TCGAGAGCTGT 1130
DB 341 GCGTGGGCTGTGGGCGAGGCGCGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 388

RESULT 10
US-08-650-766-2
1 Sequence 2, Application US/08650766D
2 Patent No. 6015690
3 GENERAL INFORMATION:

```

APPLICANT: PILETZ, John E.
APPLICANT: IVANOV, Tina R.
TITLE OF INVENTION: DNA SEQUENCE ENCODING A HUMAN IMIDAZOLINE RECEPTOR AND
TITLE OF INVENTION: METHOD FOR CLONING THE SAME
FILE REFERENCE: Corrected Sequence Listing
Patent No. 6015690
CURRENT APPLICATION NUMBER: US/08/650,766D
CURRENT FILING DATE: 1996-05-20
EARLIER APPLICATION NUMBER: US 60/012,600
EARLIER FILING DATE: 1996-03-01
NUMBER OF SEQ ID NOS: 21
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 2
LENGTH: 1678
TYPE: DNA
ORGANISM: Homo sapiens
US-08-650-766-2

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Query Match	2.6%	Score 40.8	DB 3	Length 1678
Best Local Similarity	56.8%	Pred. No. 0.29		
Matches	75	Conservative	0	Mismatches 57; Indels 0; Gaps 0;
Qy	971	TCGACAGGACGAAGAGAGAGAGAGAGACACAGAAATGCTCTCAGCTTCCAGC	1038	
Db	663	TGAAACGGGGGAGAGAGAGAGAGAGAGAGAGAGAGAGACAGCTGCTGAGAACCG	722	
Qy	1031	CTACATTGAGACACACTTTCTTCTCTGGGCAAGACACAGAGCTCAGGGCAGCTGGAGC	1099	
Db	723	CTACTTTGAAATGGGGCCCCCAGACCTGTGACAGAGAGAGAGAGAGAGAGCCACGGGGAGAGA	782	

RESULT 11
 US-09-389-487-2
 ; Sequence 2, Application US/09389487
 ; Patent No. 6576742
 ; GENERAL INFORMATION:
 ; APPLICANT: PILETZ, John E.
 ; APPLICANT: IVANOV, Tina R.
 ; TITLE OF INVENTION: DNA SEQUENCE ENCODING A HUMAN IMIDAZOLINE RECEPTOR AND
 ; TITLE OF INVENTION: METHOD FOR CLONING THE SAME
 ; FILE REFERENCE: Corrected Sequence Listing
 ; Patent No. 6576742

```

CURRENT APPLICATION NUMBER: US/03/389,487
CURRENT FILING DATE: 1999-09-03
EARLIER APPLICATION NUMBER: US 08/650,766
EARLIER FILING DATE: 1996-05-20
NUMBER OF SEQ ID NOS: 21
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO: 2
LENGTH: 1678
TYPE: DNA
ORGANISM: Homo sapiens
US-03-389-487-2

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	Query Match	Similarity	2.6%	Score 40.8	DB 4	Length 1678	
	Best Local	Conservative	56.8%	Pred. No. 0.29	Mismatches 57	Indels 0	Gaps 0
QY	971	TGCAGAGACGAAAGAGAGAGATGAGAGAGCACAGAAGATGGCGCTCAGCTTCAGCC	1030				
Db	663	TGAACAGGGGAGAGAGAGATGAGAGAGAGAAAGAGAGACTGGCTGAAACC	722				
QY	1031	CTACATTGAACCACTTTTCTTGGGCAAAGACACAGGCTCCAGGGCACTCGAGGC	1090				
Db	723	CTACTTTGAATGGGGCCCCCAGACGTGGAGAGAGAGAGGAGAGGCCAGGGGAGGA	782				
QY	1091	TGGTGGGCTGCA	1102				
Db	783	AGAGGAGAGGA	794				

```

RESULT 12
US-08-922-635-2
Sequence 2, Application US/08922635A
Patent No. 6033871
GENERAL INFORMATION:
APPLICANT: PILLETZ, John E.
APPLICANT: IVANOV, Tina R.
TITLE OF INVENTION: DNA MOLECULES ENCODING IMIDAZINE RECEPTIVE POLYPEPTIDES
TITLE OF INVENTION: AND POLYPEPTIDES ENCODED THEREBY
FILE REFERENCE: Corrected Sequence Listing
Patent No. 6033871
CURRENT APPLICATION NUMBER: US/08/922,635A
CURRENT FILING DATE: 1997-09-03
EARLIER APPLICATION NUMBER: 08/650,766
EARLIER FILING DATE: 1996-05-20
EARLIER APPLICATION NUMBER: 60/012,600
EARLIER FILING DATE: 1996-03-01
NUMBER OF SEQ ID NOS: 22
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO. 2
LENGTH: 1954
TYPE: DNA
ORGANISM: Homo sapiens
US-08-922-635-2

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Query Match	2.6%	Score 40.8	DB 3	Length 1954
Best Local Similarity	56.8%	Pred. No. 0.31	57	Indels 0
Matches	75	Conservative	0	Mismatches 57
				Gaps 0
QY	971	TCGAGAGCAGAGAGAGAGATGAGAGGACACAGAGATGCGCTTCACGACC	1036	
Db	663	TGACACAGCGAGAGAGAGATGAGAGAGAGAGAGAGAGAGAGCGCTGAGAACCG	722	
QY	1031	CTACATTGAACCACTTCTTCTCTGGGGCAGAGACACAGGCTCCAGGGGACTTCGAGGCG	1090	
Db	723	CTACTTTGAATATGGGGCCCCCAGACGTGAGAGAGAGAGAGAGAGAGGCGACAGGGGAGGA	782	
QY	1091	TGCTGGGCTGGA	1102	
Db	783	AGAGAGAGAGGA	794	

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RESULT 13
US-08-650-766-3
: Sequence 3, Application US/08650766D
: Patent No. 6015690
: GENERAL INFORMATION:
: APPLICANT: PILETIZ, John E.
: APPLICANT: IVANOV, TINA R.
: TITLE OF INVENTION: DNA SEQUENCE ENCODING A HUMAN IMIDAZOLINE RECEPTOR AND
: TITLE OF INVENTION: METHOD FOR CLONING THE SAME
: FILE REFERENCE: Corrected Sequence Listing
: Patent No. 6015690
: CURRENT APPLICATION NUMBER: US/08/650,766D
: CURRENT FILING DATE: 1996-05-20
: EARLIER APPLICATION NUMBER: US 60/012,600
: EARLIER FILING DATE: 1996-03-01
: NUMBER OF SEQ. ID NOS: 21
: SOFTWARE: PatentIn Ver. 2.0
: SEQ. ID NO 3
: LENGTH: 3318
: TYPE: DNA
: ORGANISM: Homo sapiens
: US-08-650-766-3

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	Query Match	2.6%	Score 40.8	DB 3	Length 3318
	Best Local Similarity	56.8%	Pred. No. 0.38		
	Matches 75	Conservative 0	Mismatches 57	Indels 0	Gaps 0
07	971 TGCAGAGACGAAAGAGAGAGATGAGAGGACACAGAGAAATGGCGTCACTTCAGGCC 1030				

